

Begin

REEL # 225
Khvil', M.N.

KHVIL' M.N.
KHODOSOV, K.O.; KHVIL', M.N.

Organizing the work of students on collective farms. Politekh.
obuch. no.3:34-43 Mr '57. (MLRA 10:5)

1. Srednyaya shkola No. 2 goroda Khorola Poltavskoy oblasti.
(Student employment) (Collective farms)

KHVIL', M.N.; KHODOSOV, K.O.

Experience in industrial training Politekh.obuch. no.10:
25-27 0 '59. (MIRA 13:2)

1. Srednyaya shkola No.2, g.Khorol Poltavskoy oblasti.
(Automobile drivers) (Tractors)

KH. VILEVITSKIY, L.O.

PAGE 1 PCK EXFOLATION SCW/2671

Abstracts from 1977. Institute of Automatics. Seminar on
Automatic Control Systems. 2d and 3d session

Topology pattern 1: global orientability (problems in Permutic and Hydrille Automaton
November, 1960, all p. Kretz all inserted. 4,500 copies printed.

2022, Ed.: K.A. Ayzenshteyn, Doctor of Technical Sciences, Professor, Ed. of Publishing House: A.A. Gal'ts, Tech. Ed.: S.M. Tikhomirova.

PROPERTY: This collection of articles is intended for scientific workers, including engineers and engineers interested in automation and telemechanics.

CONTENTS. The collection of 3) articles is a continuation of an earlier work of the Academy of Sciences USSR, on pneumatic and hydraulic machines and systems, published in 1959. A wide range of problems connected with the design and operation of pneumatic and hydraulic automation equipment is described. An extensive problem based on experiments, the collection also contains theoretical and experimental results in the field, such as the possibilities of using pneumatic systems in the operation of pneumatic amplifiers and in electrohydraulic and electro-pneumatic systems. The German translation is complete and reflects a somewhat different approach to solving the problems. No priorities are mentioned. References are given for most of the articles.

PLASMA AND ELECTRIC DIVISION AND SYSTEMS OF MATERIALS EXTRACTION

Perpetration, when Perpetrator Compressing Pressure and Narcissistic Trau-
matization and the Transformation of Pressure

Kuznetsov, N.I. and L.O. Enikolopov. Dynamic Characteristics of A25
(Aggressive) Interference Systems. Drying Assembly Systems)

Volcia, V.T. Survey and Service Load in Automatic Regulation Systems

<p>—Disposal of Non-Permissible Landfills</p> <p>Generally, 740—Small Scale Hydraulic Road Build or Compaction Type</p>	<p>10</p> <p>25</p>
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Summary, V. J. Method of Estimating the Age-Composition of Industrial Hydraulic Turbines 93

KILBOM, V.J. MS-2. Electrical and Hydraulic Regulator

111
 1977-78, S. Y. A. Kozlov (Kosherovskiy) and V. A. Kozlovskiy (Kosherovskiy) Electrical and Permeable Regulator

PRITCH, V.A. AND COLLECTED PETROLEUM NORMALLY BY NAME - NAME OF A COMPANY
APPROXIMATE TO THE PETROLEUM INFLATING INDUSTRY

PHARMACEUTICALS COMPANY-1001730 AND 1001730 DIVISION

WILLIAMS, T. A., and E. H. BELCHER, Construction Problems of Pneumatic Compacting Rolling Devices 252

~~Letter No. Small Scale Personalized Action Calculating Machine~~
~~and the Delay Block.~~

Edwards, L.H., and A.T. Gifford. Investigation of Characteristics of
Thermal Insulators Used as Simulators

Seim, R.C. and A.H. Sol. Pneumatic Musculoskeletal Relief System
"Inventable" Aids Device for the Application of Pneumatic External

7792300	on X-ray With Several Magnifying Components	15
7792301	Asbestos, V.M., 705. Berwick, and H.L. Davis. Early-19 Magnifying	15

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FOR CONTROLLING AND REGULATING CORALIN COMED

2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227 2228 2229 2230 2231 2232 2233 2234 2235 2236 2237 2238 2239 2240 2241 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293 2294 2295 2296 2297 2298 2299 2300 2301 2302 2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346 2347 2348 2349 2350 2351 2352 2353 2354 2355 2356 2357 2358 2359 2360 2361 2362 2363 2364 2365 2366 2367 2368 2369 2370 2371 2372 2373 2374 2375 2376 2377 2378 2379 2380 2381 2382 2383 2384 2385 2386 2387 2388 2389 2390 2391 2392 2393 2394 2395 2396 2397 2398 2399 2400 2401 2402 2403 2404 2405 2406 2407 2408 2409 2410 2411 2412 2413 2414 2415 2416 2417 2418 2419 2420 2421 2422 2423 2424 2425 2426 2427 2428 2429 2430 2431 2432 2433 2434 2435 2436 2437 2438 2439 2440 2441 2442 2443 2444 2445 2446 2447 2448 2449 2450 2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464 2465 2466 2467 2468 2469 2470 2471 2472 2473 2474 2475 2476 2477 2478 2479 2480 2481 2482 2483 2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496 2497 2498 2499 2500 2501 2502 2503 2504 2505 2506 2507 2508 2509 2510 2511 2512 2513 2514 2515 2516 2517 2518 2519 2520 2521 2522 2523 2524 2525 2526 2527 2528 2529 2530 2531 2532 2533 2534 2535 2536 2537 2538 2539 2540 2541 2542 2543 2544 2545 2546 2547 2548 2549 2550 2551 2552 2553 2554 2555 2556 2557 2558 2559 2560 2561 2562 2563 2564 2565 2566 2567 2568 2569 2570 2571 2572 2573 2574 2575 2576 2577 2578 2579 2580 2581 2582 2583 2584 2585 2586 2587 2588 2589 2590 2591 2592 2593 2594 2595 2596 2597 2598 2599 2600 2601 2602 2603 2604 2605 2606 2607 2608 2609 2610 2611 2612 2613 2614 2615 2616 2617 2618 2619 2620 2621 2622 2623 2624 2625 2626 2627 2628 2629 2630 2631 2632 2633 2634 2635 2636 2637 2638 2639 2640 2641 2642 2643 2644 2645 2646 2647 2648 2649 2650 2651 2652 2653 2654 2655 2656 2657 2658 2659 2660 2661 2662 2663 2664 2665 2666 2667 2668 2669 2670 2671 2672 2673 2674 2675 2676 2677 2678 2679 2680 2681 2682 2683 2684 2685 2686 2687 2688 2689 2690 2691 2692 2693 2694 2695 2696 2697 2698 2699 2700 2701 2702 2703 2704 2705 2706 2707 2708 2709 2710 2711 2712 2713 2714 2715 2716 2717 2718 2719 2720 2721 2722 2723 2724 2725 2726 2727 2728 2729 2730 2731 2732 2733 2734 2735 2736 2737 2738 2739 2740 2741 2742 2743 2744 2745 2746 2747 2748 2749 2750 2751 2752 2753 2754 2755 2756 2757 2758 2759 2760 2761 2762 2763 2764 2765 2766 2767 2768 2769 2770 2771 2772 2773 2774 2775 2776 2777 2778 2779 2780 2781 2782 2783 2784 2785 2786 2787 2788 2789 2790 2791 2792 2793 2794 2795 2796 2797 2798 2799 2800 2801 2802 2803 2804 2805 2806 2807 2808 2809 2810 2811 2812 2813 2814 2815 2816 2817 2818

HYDRAULIC AND PNEUMATIC ACTUATOR DEVICES
IN
THE GREAT HUNGARIAN REPUBLIC AND COUNTRIES/ENGLAND

Hydraulic and Combined Automatic Regulation Systems 17

Components of Airtable Regulation	10
1. Regulatory Framework of the ERM	10
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of Congress (1980-82)

L 09277-67

ACC NR: AT8021729

pneumatic containers. Two types of repeaters are used: accurate, low-power and coarse, high-power. The former reproduces the input pressure with an accuracy of $\pm 0.25\%$. Its static characteristics are similar to those of the two-input amplifier. Another version of the low-power, accurate repeater includes an output offset. The coarse repeater is capable of transmitting signal over distances up to 300 m. It has $\pm 3\%$ accuracy. The resistive adder module consists of two variable or fixed resistors and a two-input amplifier. The gain can be adjusted for each input. The accuracy of the coarse amplifier can be increased to $\pm 0.5\%$ by using a lower power repeater in its feedback loop. The inertial network consists of a fixed or variable resistor and a pneumatic capacitor in series with it. It is used in the input of a two-input amplifier. A proportional module can take two forms: summation using resistors, or summation through membranes. In the first case, a single two-input amplifier and four resistances are used in the manner of the conventional differential operational amplifier; in the second case, one three-input, and one two-input amplifier is used. The integrating module can also be realized using resistive summation or membrane summation. In the first version, a two-input amplifier is combined with five resistances and one capacitor and in the other version a three-input amplifier with a single resistor and a capacitor is used. The anticipation module consists of a two-input amplifier with an inertial network in its feedback loop. Proportional controllers are built by attaching power amplifiers to proportional modules. The pneumatic control system is based on the use of an amplifying module in which the pneumatic network is in its feedback loop, and a power amplifier. Orig. art. lang: English.

CLASS: 17, 18

SUMMARY DATE: 05/14/80

ORIG REF: 004

S/194/61/000/008/034/092
D201/D304

13.7000

AUTHORS: Auzan, R.A. and Khvilevitskiy, L.O.

TITLE: Dynamic properties of automatic pilots and recommendations as to their setting

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 8, 1961, 38, abstract 8 V295 (V sb. Vopr. pnevmo- i gidroavtomatiki, M., AN SSSR, 1960, 68-78)

TEXT: The results are given of experimental analysis of dynamic properties of pneumatic regulators. The experiments were carried out with ПН - (PI) and ПНД - (PID) regulators, designed from the standard elements of an automatic pilot. For each regulator a structural diagram is presented and the standard equation derived which determines the law of the regulation input and the dependence of coefficients of this equation on the parameters of regulator setting. The frequencies are determined, at which the regulator reproduces, with adequate accuracy, the law of the regulation input.

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✓B

Dynamic properties...

S/194/61/000/008/034/092
D201/D304

From data obtained in the experiment the exact equations of the regulator are produced. 4 references. [Abstracter's note: Complete translation]

✓B

Card 2/2

ZNAMENSKIY, V.V.; KHVILEVITSKIY, M.O.

Using the controlled directional sensitivity method for regional seismic prospecting in the Caspian Lowland. Trudy MINKHIGP no.50: 27-66 '64 (MIRA 18:2)

KHVILIVITSKAYA, I. F.

Khvilivitskaya, I. F. "First psychiatric morbidity in Leningrad in the period of war, blockade, and post-war," Ogr.-metod. voprosy sov. neytrpsikiatrii (VII), 1948, p. 23-36

SO: U-3264, 10 April 53(Letopis 'Zhurnal 'nykh Statey, No. 4, 1949).

KHVILIVITSKAYA, I.F.

Characteristics of mental disorders in viral influenza. Vop.psikh.
i nevr. no.7:230-239 '61. (MIRA 15:8)

1. Iz 2-y Leningradskoy psikhonevrologicheskoy bol'nitsy (glavnyy
vrach T.I.Nikolayeva, nauchnyy konsul'tant prof. Ye.S.Averbukh).
(PSYCHOSES) (INFLUENZA)

MAVILIVITSKAYA, N. I.

23622 GEORGIY FEDOROVICH LANG-UCHENYY, UCHITEL' I DETAL' SDAVACHNAYA.
ZEMICH. ZEMICH, 1949, No. 7, L.R. 2-11, S. 1044.

SO: L.T.P.S. No. 31. 1949

KHIVILIVITSKAYA, N. I., ROBINSON, V. YU.

Disability Evaluation

Principles in the evaluation of temporary disability of patients. Sov. zdrav. 12, no. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

KHVILIVITSKAYA, M.I., professor (Leningrad)

~~MAJESTY: 1955-1956~~

All-Union conference of Theraputists. Sov.med. 19 no.1:85-89

Ja '55.

(MIRA 8:4)

(THERAPEUTICS,
in Russia, conf.)

KHVILIVITSKAYA, M. I., prof.; BOGOMAZOVA, V. P. kandidat meditsinskikh nauk.

Compensatory ability and working capacity, following partial and total lobectomy and medical decisions involved. Sov. med. 19 no.11:11-19
N '55 (NIRA 9:1)

1. Iz Leningradskogo instituta ekspertizy trudosposobnosti i
trudoustroystva invalidov (dir.-dotsent A. A. Ivanov)

(LUNGS, SURGERY,
lobectomy, postop, working capacity)
(WORK,
capacity after lobectomy)

KHVILIVITSKAYA, M.I.; KHIN, L.Yu.; POKOTINSKAYA, L.A.

Prognosis in myocardial infarction; late observations. Terap.arkh.
27 no.2:3-15 '55. (MLRA 8:7)

1. Iz kardiologicheskogo sanatoriya VTSSPS v Leningrade (glavnyy
vrach B.N.Vvedenskiy).
(MYOCARDIAL INFARCT,
progn.)

KHVILIVITSKAYA, M.I.

KHVILIVITSKAYA, M.I.; UVERSKAYA, V.T.; TARTAKOVSKIY, M.B. (Leningrad)

Fourteenth All-Union Congress of Therapists. Terap.arkh. 29
no.1:83-99 Ja '57. (MIRA 10:12)
(HEART--DISEASES)

KHVILIVITSKAYA

KHVILIVITSKAYA, M.I.; BOGOMAZOVA, V.P. (Leningrad)

Pregnancy following pneumonectomy. Klin.med. 35 no.11:56-60 N '57.
(MIRA 11:2)

1. Iz Leningradskogo nauchno-issledovatel'skogo instituta ekspertizy trudosposobnosti i trudonastroystva invalidov.

(PNEUMONECTOMY, cases reports,
subsequent pregn.)

(PREGNANCY
following pneumonectomy)

EXCERPTA MEDICA Sec 19 Vol 2/11 Rehabilitation Nov 59

2238. Rehabilitation of patients following total or partial resection of lung (Russ. text) KHVILIVITSKAYA M. I. and BOGOMAZOV V. P. *Klin. Med. (Moskva)* 1958, 36/11 (54-60) Tables 7

The majority of patients who have undergone a partial or total lung resection find employment during the first 6 months after the operation. Working capacity is regained more rapidly after removal of a part of a lung than after resection of an entire lung. Persons whose work required considerable physical effort over a prolonged period or in bad weather were forced to change their occupation as a result of pneumonectomy or lobectomy. Need for a different occupation, a decrease in the amount of work done, or a lowering of qualifications were most frequent in patients who had had total or partial lung resection for a suppurative pulmonary condition or for carcinoma of the lung. In re-employment of patients after total or partial lung resection, the actual working conditions must be considered as they affect each particular case.

(XIX, 9, 15)

*General Inst. Estimation of Work
Capacity of Individuals*

KHVILIVITSKAYA, M.I., prof.; BOGOMAZOVA, V.P., starshiy nauchnyy
sotrudnik

Prevention of disability in bronchiectasis. Trudy LITIN 2:
23-29 '59. (MIRA 13:7)
(BRONCHIECTASIS) (INDUSTRIAL HYGIENE)

KHVILLIVITSKAYA, M.I., prof.; BOGOMAZOVA, V.P., starshiy nauchnyy
sotrudnik

Disability evaluation in bronchiectasis. Trudy LITIN 2:30-
35 '59. (MIRA 13:7)
(BRONCHIECTASIS) (DISABILITY EVALUATION)

~~KHV~~ LIVITSKAYA, M.I., prof.

Basis of the principles of disability evaluation in chronic
pneumonia and bronchiectasis. Trudy LITIN 2:175-178 '59.

(MIRA 13:7)

(LUNGS--DISEASES)

(DISABILITY EVALUATION)

KHVILIVITSKAYA, Mariya Iosifovna. Prinimali uchastiye: ADAMOVA, A.V.; BOGOMAZOVA, V.P.; KALININA, Ye.V.; LIKHNITSKAYA, I.I.; MIKIRTUMOVA, Ye.V.; MIKHAYLOVA, N.F.; NIKIFOROVA, O.A.; SADOV'YEV, A.I.; SEL'KOV, Ye.A.; SOBOLEVA, A.V.; UL'YANOVA, L.S.; KHRUSTINA, S.B.; DEMBO, A.G., red.; KHARASH, G.A., tekhn. red.

[Adjustment of the body following pulmonary resection] O prispособliaemosti orgsnizma posle rezektsii legkogo. Leningrad, Gos. izd-vo med. lit-ry Medgiz, 1960. 170 p. (MIRA 14:9)

1. Kollektiv klinicheskogo otdela Leningradskogo nauchno-issledovatel'skogo instituta ekspertizy trudosposobnosti i organizatsii truda invalidov (for all except Khvilivitskaya, Dembo, Kharash). (LUNGS--SURGERY)

KEVILIVITSKAYA, M.I., prof.; NIKITINA, K.I., vrach-ekspert; MAGARIL,
M.Yu., kand.med.nauk

Work capacity in elderly and senile hypertension patients. Trudy
LIETIN no.4:92-99 '60. (MIRA 16:2)
(GERIATRICS) (HYPERTENSION) (DISABILITY EVALUATION)

KHVILIVITSKAYA, M.I., prof.; NIKITINA, K.I., vrach-ekspert;
MAGARIL, N.Yu., kand.med.nauk

Characteristics of the clinical manifestations of hypertension
in elderly and senile persons. Trudy LIETIN no.4:100-112 '60.
(MIRA 16:2)
(GERIATRICS) (HYPERTENSION)

KHVILIVITSKAYA, M.I., prof.; MAGARIL, M.Fn.

Morbidity, mortality and disability in coronary atherosclerosis.
Terap.arkh. no.8:53-58 '62. (MIRA 15:12)

1. Iz Leningradskogo nauchno-issledovatel'skogo instituta ekspertizy
trudospособnosti i organizatsii truda invalidov i nauchno-metodiche-
skogo byuro sanitarnoy statistiki Leningradskogo sanitarnogo otdela
zdravookhraneniya.

(CORONARY HEART DISEASES) (ARTERIOSCLEROSIS)

VOLYNSKIY, Z.M., prof.; GILYAREVSKIY, S.A., prof.;
 GEFTER, A.I., prof.; DEMIN, A.A., prof.; ZELENIN, V.F., prof.;
 ISTAMANOVA, T.S., prof.; KEDROV, A.A., prof.; MESHALKIN, Ye.N.,
 prof.; KEDROV, A.A., prof.; MESHALKIN, Ye.N., prof.; SAVITSKIY,
 N.N., prof.; FOGEL'SON, L.I., prof.; KHVILIVITSKAYA, M.I., prof.;
 LUKOMSKIY, P.Ye., prof., red. toma; MYASNIKOV, A.L., prof., otv.
 red.; TAREYEV, Ye.M., prof., zam. otv. red.; BAGDASAROV, A.A.,
 prof.[deceased], red.; BARANOV, V.G., prof., red.; VOVS, M.S.,
 prof., red.[deceased]; IVANOV, V.N., prof., red.[deceased];
 KURSHAKOV, N.A., prof., red.; MOLCHANOV, N.S., prof., red.;
 NESTEROV, A.N., prof., red.; SPERANSKIY, I.I., prof., red.
 [deceased]; ZAMYSLOVA, K.N., prof., red.; PERCHIKOVA, G.Ye.,
 kand. med. nauk, red.; ERINA, Ye.V., kand. med. nauk, red.;
 LYUDKOVSKAYA, Yu.S., tekhn. red.; BEL'CHIKOVA, Yu.S., tekhn.red.

[Multivolume manual on internal diseases]Mnogotomnoe rukovodstvo
 po vnutrennim bolezniam. Otv. red. A.L.Miasnikov. Moskva,
 Medgiz. Vol.1. [Diseases of the cardiovascular system]Bolezni
 serdechno-sosudistoi sistemy. Red. toma: P.E.Lukomskii i N.N.
 Savitskii. 1962. 686 p.

(MIRA 15:12)

(Continued on next card)

KHVILIVITSKAYA, Mariya Iosifovna. Prinimali uchastiye: LIKHNITSKAYA, I.I., dots.; KANAYEV, N.N.; KANAYEV, I.N.; KLIMOV, S.P., red.

[Methodological fundamentals of disability evaluation expertise in chronic nontuberculous diseases of the lungs]
Metodicheskie osnovy ekspertizy trudosposobnosti pri khronicheskikh netuberkuleznykh zabolevaniyakh legkikh. Lenin-grad, Meditsina, 1964. 150 p. (MIRA 17:11)

1. Zaveduyushchaya otdeleniyem funktsional'nykh metodov issledovaniya Leningradskogo nauchno-issledovatel'skogo instituta ekspertizy trudosposobnosti i organizatsii truda invalidov (for Likhmitskaya).

KHVILIVITSKAYA, M.I., prof.; NIKITINA, K.I., mladshiy nauchnyy sotrudnik

Characteristics of clinical manifestations of coronary atherosclerosis in elderly and senile persons. Trudy LIETIN no.16: 218-222 '64.

Indices of the working capacity and characteristics of work organization for elderly and senile persons with atherosclerosis of the coronary arteries. Ibid.:223-228 (MIRA 19:1)

KOSINSKAYA, N.S., prof.; KHVILIVITSKAYA, M.I., prof.

Evaluation of the working capacity and work organization for
elderly and old people. Trudy LIETIN no.16:130-135 '64.

(MIRA 19:1)

1. Leningradskiy nauchno-issledovatel'skiy institut ekspertizy
trudospособnosti i organizatsii truda invalidov.

27885-62 KWT(d)/KPF(a)-2/P(1) 10-4/P4-4/P5-4/P6-2/P7-4/P8-4/P9-4
 00/00/00

ACCESSION NR: AT5003953

8/0000/64/000/000/0308/0311

AUTHOR: Darkhovskiy, B. B.; Khvilovitskiy, L. O.

TITLE: Pneumatic correlator

SOURCE: Nauchno-tekhnicheskoye obshchestvo priborostroyitel'noy promyshlennosti, Nauchno-tekhnicheskoye soveshchaniye, 3d, Moscow, 1962; Vychislitel'naya tekhnika dlya avtomatizatsii proizvodstva (Computer technology for the automation of production); trudy soveshchaniya. Moscow, Izd-vo Mashinostroyeniya, 1964, 308-311.

TOPIC TAGS: correlation function, delay line, integrator, pneumatic control, multiplier, control element

ABSTRACT: The described pneumatic correlator evaluates the approximate correlation function

$$R(\tau) \approx \frac{1}{T} \int_0^T f_1(t-\tau) f_2(t) dt$$

with the signals $f_1(t)$ and $f_2(t)$ obtained from pickups located directly in the system control line. $f_1(t)$ is fed directly to a multiplication block, while $f_2(t)$

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ACCESSION NR: AT5003953

is fed through a multiple-tap delay line to individual integrators. The multi-
plication block was developed by IAT AN SSSR (Institute of Automation and Remote
Control). The delay line consists of a series of identical delay blocks, each of
which approximates the pure-delay transfer function by a second-degree allomorphic
function. It is indicated that construction of analog versions of the multiplier
encounters technical difficulties and time-pulse and number-pulse multiplication
variants are now under development. Standard aperiodic integrators are used. The
correlator control system makes it possible to adjust the delay time, the scales
of the coefficients, and the integrators, and to check the working order of all
the correlator elements. The correlator can be used in error-dependent control
systems, in extremal control systems, and to regulate objects with variable char-
acteristics. Orig. art. has: 2 figures and 2 formulas.

ASSOCIATION: None

SUBMITTED: 01Sep64

ENCL: 00

SUB CODE: 12

NR REF SOV: 001

OTHER: 001

Card 2/2

Khvilivitskiy, R. Ya.

Synthesis of azodicarboxylic acid methyl ester and study of its ability to initiate certain chemical reactions. II. I. Fedotova, R. Ya. Khvilivitskiy, and I. I. Znachinskaya. *Uchenye Zapiski Gor'skikh Univ.* 1953, No. 24, 183-6. *Referat. Zhur. Khim.* 1954, No. 41224. (NCCoMe) (I) with HNO₃ gave 23.2% (NCCoMe) (II), bp 107-8°. The thermal decomposition of II at 90-300° occurs with a quant. evolution of N₂. The polymerization of Me methacrylate (III) when initiated by II was more easily controlled than when initiated by BaO₂ or (NCCoEt). II also initiates the emulsion polymerization of III. I, obtained in 65.3% yield from ClCO₂Et and N₂H₄, m. 127-8° (from water), (d. 1.30 g.) in 60 ml. HNO₃ (d. 1.37) mixed with 40 ml. HNO₃ (d. 1.45) at 0° and the mixt. kept 1.5 hrs. and poured into ice water gave 23.2% II. E. Würbicki

L 7874-66 EWT(1)/EWA(h)

ACC NR: AP5024979

SOURCE CODE: UR/0286/65/000/C16/0043/0043

AUTHORS: Nemanov, V. S.; Khvilivitskiy, M. S.

ORG: none

TITLE: Dynamic range converter²⁵ Class 21, No. 173802 [announced by All-Union
Scientific Research Institute im. A. S. Popov (Vsesoyuznyy nauchno-
issledovatel'skiy institut)]

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 16, 1965, 43

TOPIC TAGS: transistorized amplifier, bridge circuit, *electronic circuit*

ABSTRACT: This Author Certificate presents a dynamic range converter to electric signals. The converter contains a transistorized bridge amplifier and an array of linear and nonlinear resistances. To obtain nonlinear amplitude characteristics, to increase the input impedance of the circuit, and to increase the stability of operation of the device, a nonlinear functional converter of diodes is connected to the load resistance which at the same time is the bridge diagonal. Combined emitter followers and resistors are inserted in the bridge arms.

SUB CODE: EO/ SUBM DATE: 29Apr64

Card 1/1

UDC: 621.314.26

2

L 22000-66 ENT(m)/ENP(v)/ENP(j)/T/ETC(m)-6 IJP(c) W/RM

ACCESSION NR: AP5024504

UR/0191/65/000/010/0031/0034 28

678.674.06-419:677.521.01.539.219.2 13

AUTHOR: Sukhareva, L. A.; Smirnova, Yu. F.; Zubov, P. I.; Zamotova, A. V.; Khvilivitskiy, R. Ya.

TITLE: Internal strain in reinforced systems based on polyester acrylate binders

SOURCE: Plasticheskiye massy, no. 10, 1965, 31-34

TOPIC TAGS: fiberglass, glass cloth, epoxy plastic, polyester plastic, adhesion, internal stress, bending strength, rupture strength

ABSTRACT: The effect of curing conditions, binder composition and surface treatment of the reinforcing glass on the internal strain, mechanical, and adhesive properties of fiberglass was studied. Two curing rates were used--(1) gradual heating for 19 hours to 200 C and then holding at 200 C for 10 hours, and (2) heating to 200 C in 2 hours and holding for 20 hours. Glass cord treated with paraffin emulsion or with vinyltriethoxysilane and glass cord heat treated at 400-450C were used for reinforcing. A two-component system (epoxy resin and polyester acrylate MD) or a three-component system (epoxy, MD and an unsaturated carboxyl-containing compound) were used as binders. Internal strain was

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L 22000-66

ACCESS ON NR: AP5024504

greater across the warp than along the warp. Greater internal strains were produced by the slower curing method. The mechanical characteristics of fiberglass cured by method (2) were generally higher. Physical-mechanical properties and internal strain were lower in fiberglass made of the three-component binder. Paraffin emulsion had little effect on internal strain, while the silane coating increased internal strain in the fiberglass made of the three-component binder. The strength properties of the fiberglass depend on the ratio of the internal strain values to the adhesion of the binder to the glass fiber surface. Fiberglass made of resin based on the carboxyl-containing compound, which has greatest internal strain and least adhesion, is weakest. Greatest strength was obtained with the three-component binder applied to glass cloth treated with vinyltriethoxysilane, where adhesive strength exceeds 200 kg/sq cm and the glass is torn out when the sample is broken. Orig. art. has: 8 figures and 3 tables

ASSOCIATION: None

SUBMITTED: 00

NR REF SOV: 003

ENCL: 00

OTHER: 000

SUB CODE: //

Card 2/2 BK

L 11828-65 EWP(o)/EPA(s)-2/ENT(m)/EPP(o)/ENP(1)/EPR/ENP(j)/T/ENP(b) Pc-4/ /
 Pq-4/ R-4/Ps-4 RPL RM/WH/WH
 ACCESSION NR: AP5011993 UR/0374/65/000/001/0093/0099

AUTHOR: Andreyevskaya, G. D. (Moscow); Gorbatkina, Yu. A. (Moscow); Zorotova, A.V. (Moscow); Kiseleva, R. L. (Moscow); Odnolobova, A. V. (Moscow); Khvilivitskiy, R. A. (Moscow)

TITLE: Effect of modification of the glass fiber surface on the adhesion and mechanical strength of glass-reinforced plastics

SOURCE: Mekhanika polimerov, no. 1, 1965, 93-99

TOPIC TAGS: reinforced plastic, fiberglass, adhesion, polyester plastic, epoxy plastic, polymer physical chemistry

ABSTRACT: A study has been made of the adhesion strength of epoxy-polyester binders to glass fibers and its effect on the mechanical properties of glass-reinforced plastics. The experiments were conducted with polyester resin modified with ED-6 epoxy resin containing carboxyl compounds. Benzoyl peroxide or methyltetrahydrophthalic anhydride curing agents were used. Alkali-free glass fibers (7-12 μ in diameter) were used as the filler. The fibers were either nonmodified or modified with a paraffin lubricant or with water-repellant finishes such as Volan (chromium methac-

Cont. 15

L 11928-45

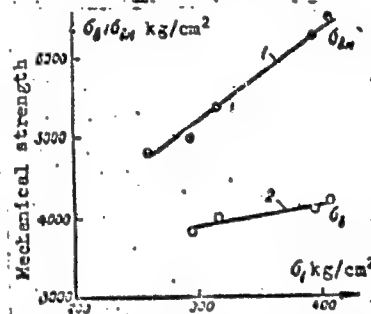
ACCESSION NR: APS011993

rylate chloride—chromium oxychloride complex), vinyltriethoxysilane, or amino derivatives of organosilicon monomers (γ -aminopropyltriethoxysilane, AGM-3). These difunctional finishes react with both the glass fiber surface and the binder. In order to stabilize the water-repellant finish on the glass surface and form a strong adhesive bond, the fibers were modified immediately after drawing by immersion for 3—5 min in 3% aqueous finish solutions, drying at room temperature, and heat treatment for 20—30 min at 120°C.

Adhesive strength

Fig. 1. Effect of glass fiber surface modification on the mechanical properties of glass-reinforced plastics

1 - Bending strength; 2 - tensile strength.



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L 41828-65

ACCESSION NR: AP5011993

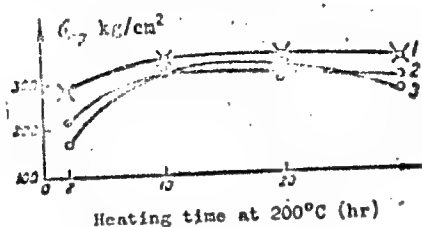


Fig. 2. Effect of additional heat treatment on the adhesion strength of epoxy-polyester polymer to glass fibers

1 - Fibers modified with vinyltriethoxysilane; 2 - nonmodified fibers; 3 - fibers treated with a paraffin lubricant.

Measurements of adhesive bond strength showed that the binder adheres more strongly to modified fiber surfaces than to nonmodified or lubricated surfaces. The best results were obtained with vinyltriethoxysilane and amino derivatives of ethoxysilanes, which form a strong bond with the glass surface and participate in the formation of network structures during polymerization of the binder.

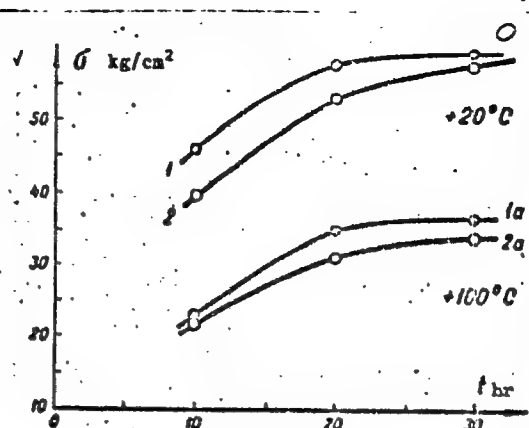
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L 41828-65

ACCESSION NR: AP5011993

Fig. 3. Effect of additional heat treatment on the bending strength of glass-reinforced plastics

1, 1a - Glass fabric treated with vinyltriethoxysilane; 2, 2a - heat-treated glass fabrics.



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L 41523-65

ACCESSION NR: AP5011993

The relationship between the adhesive strength and the mechanical properties of glass fiber reinforced plastics was studied by bending and tensile tests. The results shown in Figs. 1-3 indicate that finishing and additional heat treatment, which increase the adhesion between binder and glass fiber, also improve the mechanical properties of the epoxy-polyester glass reinforced plastics.

ASSOCIATION: none

SUBMITTED: 17Aug64

ENCL: 00

SUB CODE: MT, GC

NO REF SOV: 008

OTHER: 000

ATD PRESS: 3206-F

Cord

5/5

KHVILIVITSKAYA, T. YA.

Khvilivitskaya, T. Ya. "On the problem of methods for analyzing the activity of psychiatric institutions," Ogr.-metod. voprosy sovr. neytrpsikiatrii (VII), 1948, p. 68-102

SO: U-3264, 10 April 53 (Letopis 'Zhurnal 'nykh Statey, No. 4, 1949).

SOV/81-59-10-37447

Translation from: Referativnyi zhurnal. Khimiya, 1959, Nr 10, p 575 (USSR)

AUTHORS: Fedotova, Ye.I., Khvilivitskiy, R.Ya., Ovchinnikova, A.G.

TITLE: An Investigation of Benzylaminodiazobenzene as Initiator of Polymerization ⁷

PERIODICAL: Uch. zap. Gor'kovsk. un-ta, 1958, Nr 32, pp 179-183

ABSTRACT: Crystalline benzylaminodiazobenzene (I) at 95 - 200°C and in a solution of ethylcellosolve at 50 - 115°C decomposes with evolution of N₂ (90 - 91.5 mol. % per one mole of decomposed I). At 80°C I initiates the polymerization of methylmethacrylate in the mass (concentration of I 0.01 - 0.33% of the monomer weight).

F. Milyutinskaya

Card 1/1

KHVILIVITSKIY, S.I.

Method of calculating the operating conditions of the terminal cascade of an amplifier. Trudy LIXI no.3:80-83 '55. (MLRA 9:8)

1. Kafedra spetsial'noy elektrotehniki.
(Amplifiers, Electron-tube)

MEDYAKOVA, L.V.; KHVILIVITSKIY, S.I.

Selective RC-filters. Trudy LIXI no.3:84-90 '55.

(MLRA 9:8)

1. Kafedra spetsial'noy eletotekhniki.
(Electric filters)

KHVILIVITSKIY, T.G.

Designing an electron-tube oscillator operating under overload conditions onto a mismatching load. Radiotekhnika 8 no.4:20-26
Jl-Ag '53. (MIRA 11:6)
(Oscillators, Electron-tubes)

KHVILIVITSKIY, T.Ya., SLUTSKINA, P.I., AVDASHEVA, L.P., AL'FER, Ye.G.
KATSNEL'SON, A.M., MIKHALENKO, I.N.

Using drugs with opposing action in combined insulin therapy for
schizophrenia [with summary in French]. Zhur.nevr. i psikh. 28
no.9:1096-1105 '58 (MIRA 11:11)

1. Psikhonevrologicheskiy institut imeni B.M. Bekhtereva (dir.
prof. V.N. Myasishchov) i 2-ya Leningradskaya psikhonevrologicheskaya
bol'nitsa (glavnyy vrach T.I. Nikolayeva).

(SCHIZOPHRENIA, ther.

insulin shock, in assoc. with drugs with opposing
action (Rus))

(SHOCK, THERAPY INSULIN, in var. dis.

schizophrenia, in assoc with drugs with opposing
action (Rus))

MYASISHCHEV, Vladimir Nikolayevich, prof., red.; ~~Khvilivitskiy~~,
 Teodor Yakovlevich, starshiy nauchnyy sotrudnik, red.;
 GRASHCHENKOV, N.I., prof., red.; ANAN'YEV, B.G., prof., red.;
 VASIL'IEV, L.L., prof., red.; GILYAROVSKIY, V.A., prof., red.
 [deceased]; OMOROKOV, L.I., prof., zasluzhennyy deyatel' nauki,
 red.; PROTOPOPOV, V.P., prof., red. [deceased]; BERKENBLIT,
 I.M., red.; RULEVA, M.S., tekhn.red.

[V.M.Bekhterev and modern problems in the structure and function
 of the brain under normal and pathological conditions; transactions
 of the All-Union Conference in Honor of the 100th Anniversary of
 V.M.Bekhterev's Birth] V.M.Bekhterev i sovremennye problemy stroe-
 niia i funktsii mozga v norme i patologii; trudy Vsesoiuznoi
 konferentsii, posviashchennoi stoletiiu so dnia rozhdeniia V.M.
 Bekhtereva. Pod red. V.N.Miasishcheva i T.Ia.Khvilivitskogo.
 Leningrad, Gos.izd-vo med.lit-ry Medgiz, Leningr.otd-nie, 1959.
 294 p. (MIRA 14:2)

(Continued on next card)

MYASISHCHEV, V.N.---(continued) Card 2.

1. Chlen-korrespondent Akademii pedagogicheskikh nauk RSFSR (for Myasishchev). 2. Predsedatel' Uchenogo meditsinskogo soveta Ministerstva zdavookhraneniya SSSR, chlen-korrespondent AN SSSR i deystvitel'nyy chlen AMN SSSR (for Grashchenkov). 3. Deystvitel'nyy chlen Akademii pedagogicheskikh nauk RSFSR (for Anan'yev). 4. Chlen-korrespondent AMN SSSR (for Vasil'yev). 5. Deystvitel'nyy chlen AMN SSSR (for Gilyarovskiy). 6. Deystvitel'nyy chlen AN USSR (for Protopopov).

(NERVOUS SYSTEM)

(BEKHTEREV, VLADIMIR MIKHAILOVICH, 1857-1927)

KHIVILIVITSKIY, Teodor Yakovlevich (Sci Res Psychoneurological Inst
in. Bekhterev) for Doctor ~~of Medical Sciences~~ on the basis of disser-
tation ^{defended} 28 Nov 1958 in ~~the~~ Council of ~~the~~ Leningrad Sanitary Hygiene²
Medical Institute, entitled: "The Teaching on Manic-Depressive Psychosis
and ~~the~~ Clinic of ~~its~~ Atypical Forms," (HIVISSO USSR, 2-61, 20)

KL 50-58, 127

1cc
20

MIRSKAYA, M.M.; KHVILIVITSKIY, T.Ya.

Periodic psychoses. Trudy Gos. nauch.-issl. psikhonevr. inst.
no.20:179-189 '59. (MIRA 14:1)

1. Gosudarstvennyy nauchno-issledovatel'skiy psikhonevrologicheskiy
institut imeni V.M. Bekhtereva, Leningrad.
(PSYCHOSES)

KHVIIVITSKIY, T.Ya.; KOVSHULYA, V.S.; SLUTSKINA, P.I.

Directed change in reactivity in the treatment of mental patients
with insulin and aminazine. Trudy Gos. nauch.-issl. psikhonevr.
inst. no.20:249-258 '59. (MIRA 14:1)

1. Gosudarstvennyy nauchno-issledovatel'skiy psikhonevrologicheskiy
institut imeni V.M. Bekhtereva, Leningrad.
(MENTAL ILLNESS) (INSULIN)
(CHLORPROMAZINE)

KHVILIVITSKIY, T.Ya.

Treatment of affective intermittent psychoses and an attempt at grouping them clinically. Report No. 2. Vop. psikh. i nevr. no.5: 214-232 '59. (MIRA 14:5)

1. Iz Psikhonevrologicheskogo instituta imeni V.M.Bekhtereva (direktor - chlen-korrespondent Akademii pedagogicheskikh nauk RSFSR prof. V.N. Myasishchev).

✓ (PSYCHOSES)

KHVILIVITSKIY, T.Ya.

Structure of some psychopathological syndromes and their "therapeutic sensitivity". Zhur. nevr. i psikh. 61 no.5:725-732 '61.

(MIRA 14:7)

1. Psikhonevrologicheskiy institut imeni V.M.Bekhtereva (dir. -
prof. V. N.Myasishchev), Leningrad.

(PSYCHOPHARMACOLOGY)

(MENTAL ILLNESS)

KHVILIVITSKIY, T.Ya.

Curative use and mechanism of action of certain new "psychotropic"
drugs. Trudy Gos, nauch.-issl. psikhonevr. inst. no.24:113-125 '61.
(MI A 15:5)

1. 1-oye psikhiatriceskoye otdeleniye Gosudarstvennogo nauchno-
issledovatel'skogo psikhonevrologicheskogo instituta imeni Bekhterova.
(PSYCHOTROPIC DRUGS)

KHVILIVITSKIY, T. YA.

"Special Features of the Psychopathological and Pathophysiological Structure of Certain Psychotic Syndromes and the Choice of Appropriate Psychotropic Agents for their Cure."

paper presented at the Second Hungarian Conference on Therapy and Pharmacological research, Budapest, Hungary, 2-7 Oct 62

Bechterew Psychoneurological Institute, Leningrad.

KEVILIVIRNIE, T.Ya. (Leningrad)

Concept of nervous and the psychosomatic problem in the light of
therapeutic data on mental diseases. Trudy Gos. nauch. tsentr. psikhosom.
inst. 29:75-87 '63. (MIRA 17:8)

BAZHENOVA, K.M., dots.; VOL'FOVSKAYA, R.N., dots.; GARVIN,
Leonid Iosifovich, dots.; KALASHNIKOV, B.P., prof.;
K'YANDSKIY, A.A., prof.; LEVIN, G.Z., prof.; LOPOTKO,
I.A., prof.; PARIYSKAYA, T.V., kand. med. nauk;
ROZHDESTVENSKIY, V.I., doktor med. nauk; ROMANOVSKAYA, V.K.;
TUR, A.F., prof.; KHVILIVITSKIY, T.Ya., prof.; KHROMOV, B.M.,
prof.; SHRAYBER, M.G., prof.; D'YACHENKO, P.K., red.

[Manual for the physician on emergency and first aid] Spra-
vochnik vracha skoroi i neotlozhnoi pomoshchi. Izd.2., ispr.
i dop. Leningrad, Meditsina, 1965. 355 p. (MIRA 18:4)

BEZULIVITSKIY, T.Ya.

Characteristics of emotional disorders in some psychoneurotic
syndromes and their significance in the treatment with psycho-
tropic substances. Vop. psikh. nevr. no.10, 1961-1971, 1971.

(MIA, 1971)

L. Lenin'skiy nauchno-issledovatel'skiy psikhonevrologicheskiy
institut imeni V.M.Bekhtereva (direktor - B.A.Iebecov).

KHVILYA, K.S., kand.tekh.nauk

How to secure a uniform depth of seed plates. Mekh. sil'. hosp.
[9] no.5:13-14 My '58. (MIRA 11:6)
(Planters (Agricultural machinery))

KHVINGIYA, L.V.

One case of solution of a differential equation of heat conductivity for bodies of complex configuration. Soob. AN Gruz. SSR 20 no. 3:257-264 Mr '58. (MIRA 11:7)

1. Konstruktorskoye byuro "Glavprommash." Predstavleno akademikom N.I. Muskhelishvili.

(Heat--Conduction)
(Differential equations)

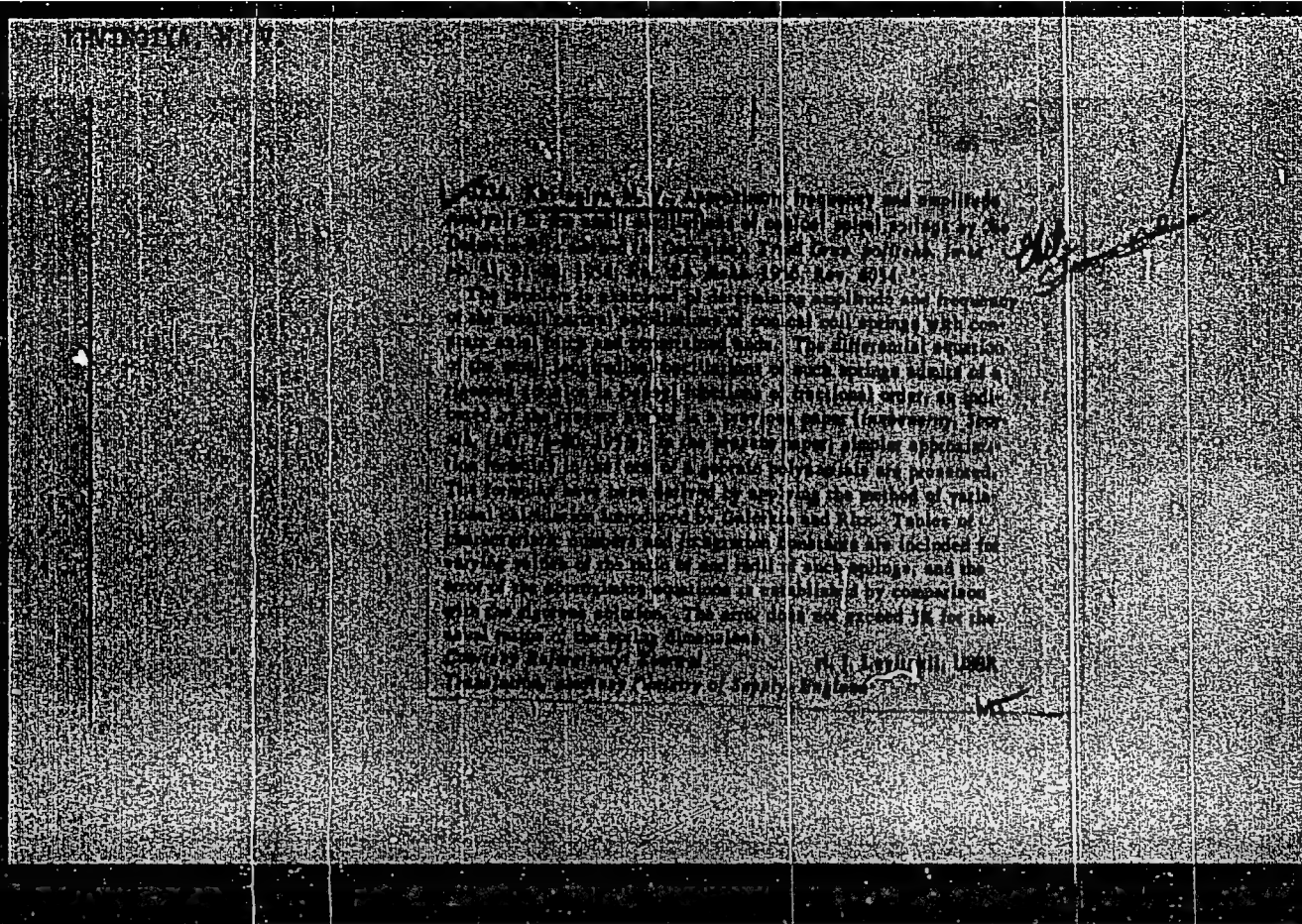
KHVINELIYA, M. V.

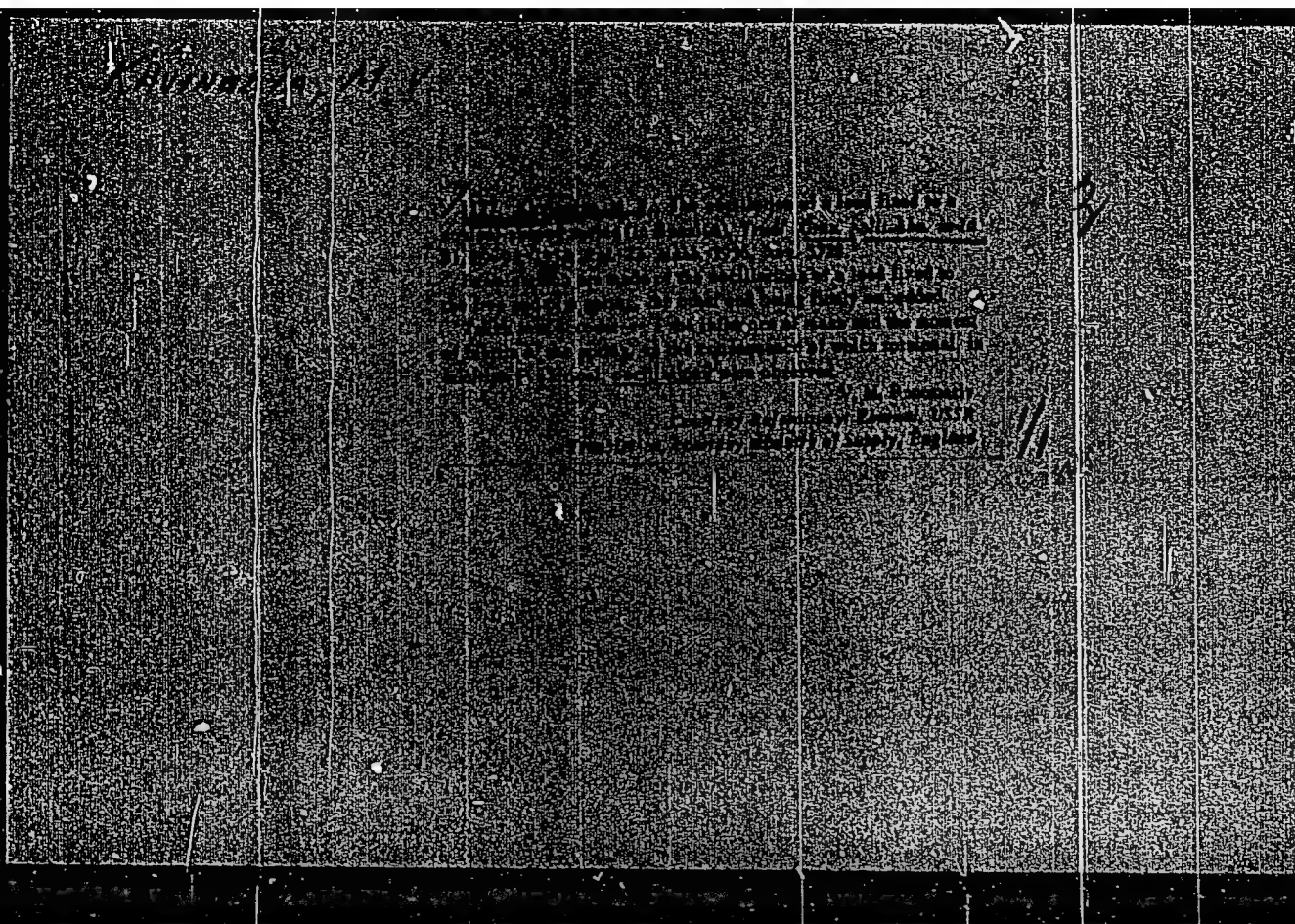
Khvineliya, M. V. Small amplitude vibrations of constant
pitch constant (in Russian); *Sovetsk. Akad. Nauk*
Sov. 15, 72-73, 1963.

The equation for free vibration of a rod with a spring is solved by
transforming it into an ordinary form of the equation of vibration.
Characteristics are given for cases where (1) both ends are fixed;
(2) one end is fixed and the other is free; (3) both ends are free.
Formulas for frequency and integration constants
corresponding to given initial conditions are obtained. Compar-
ing with approximate formulas given by A. D. Ponomarev and
A. V. Belitskiy, the error and limits of application for approximate
formulas are determined. M. Katsuka, Japan.

Georgian Polytech Inst. in S. M. Kurov

gff





Khvingiya, M. V.

124-57-2-2462

Translation from: Referativnyy zhurnal, Mekhanika, 1957, Nr 2, p 134 (USSR)

AUTHOR: Khvingiya, M. V.

TITLE: How to Determine the Angle of Twist of Conical Springs (K voprosu opredeleniya ugla skruchivaniya konicheskikh pruzhin)

PERIODICAL: Tr. Gruz. politekhn. in-ta, 1954, Nr 34, pp 103-110

ABSTRACT: An investigation of the relative angular displacements of the ends of conical springs during their compression. Convenient approximate relationships are offered. It is established that conical springs having an Archimedean spiral as their planform are subjected to a greater amount of twist than conical springs wound according to a logarithmic spiral. An examination is made of the linear and angular displacements of the ends of conical springs when loaded by compressive forces and twisting moments.

1. Spring--Deformation 2. Mathematics

S. D. Ponomarev

Card 1/1

SOV/124-58-8-9318

Translation from. Referativnyy zhurnal, Mekhanika, 1958, Nr 8, p 135 (USSR)

AUTHOR: Khvingiya, M.V.

TITLE: The Small Longitudinal Vibrations of Conical Springs and Springs of Various Shapes 'Malyye prodol'nyye kolebaniya konicheskikh i fasonnykh pruzhin)

PERIODICAL: V sb. Vopr. proyektir., izgotovleniya i sluzhby pruzhin. Moscow-Leningrad, Mashgiz, 1956, pp 86-112

ABSTRACT. It is assumed here that when a spring vibrates the individual spring coils never actually touch one another. For the purpose of the author's investigation a spring is considered to be a bar which varies in mass and rigidity along its length. The author integrates the equations of the motion of such a bar in terms of Bessel functions. For one particular case the variational method is also used. Tables of characteristic parameters for springs of different designs are included
V.L. Biderman

Card 1/1

Khvingiya, M.B.

SOV/124-58-5-60,4

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 5, p 153 (USSR)

AUTHOR: ~~Khvingiya, M.B.~~

TITLE: On Transverse Oscillations and Stability of Coiled Cylindrical Springs With Clamped Ends (K voprosu poperechnykh kolebaniy i ustoychivosti vitykh tsilindricheskikh pruzhin s zashchemlennymi kontsami)

PERIODICAL: Tr. Gruz. politekhn. in-ta, 1956, Nr 7 (48), pp 137-144

ABSTRACT: The problem is solved by reducing the spring to an equivalent rod by means of the well-known method [Osnovy sovremennykh metodov rascheta na prochnost' v mashinostroyenii (Fundamentals of Modern Structural Design Calculation Methods in Machinery) Mashgiz, 1952, Chapter VII, paragraph 3]. The author has committed errors in drawing up the basic differential equation of the oscillation. Equations (1.5) and (1.6) are incorrect and so is equation (2.3) derived from these two equations. The reference made by the author to the work of Timoshenko is not justified since Timoshenko's equation differs substantially from the one used by the author. As the result of the above, the equations obtained for the frequency

Card 1/2

SOV/124-58-5-6094

On Transverse Oscillations and Stability of Coiled Cylindrical Springs (cont.)

of oscillations are erroneous. In the particular case of a spring at rest, the dynamic terms in which the errors have been committed are eliminated and correct values for critical forces, coinciding with the well-known solutions are obtained.

V.L. Biderman

1. Helical springs--Stability
2. Helical springs--Oscillation
3. Mathematics

Card 2/2

SOV/124-57-9-11054

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 9, p 164 (USSR)

AUTHOR: Khvingiya, M. V.

TITLE: Transverse Oscillations of Conical Coil Springs. (Poperechnyye kolebaniya konicheskikh pruzhin)

PERIODICAL: Tr. Gruz. politekhn. in-ta, 1956, Nr 7 (48), pp 145-152

ABSTRACT: The problem is reduced to the determination of the transverse-oscillation frequencies of an equivalent rod of variable cross section without taking into consideration the transverse forces acting within the cross sections of such equivalent rod, which forces, as is well known, exert an appreciable influence on the oscillation frequency of the spring.

V. L. Biderman

Card 1/1

KHVINGIYA, M.V. (Tbilisi)

Determining approximately the natural frequency of minor vibrations
of conic springs. Inzh.sbor. 24:236-238 '56. (MLBA 10:5)
(Springs (Mechanism))

KHVINGIYA, M.V., kand. tekhn. nauk

Lateral vibrations and longitudinal bending of conical springs
compressed by axial forces. Izv. vys. ucheb. zav.; mashinostr.
no.3/4:43-51 '58. (MIRA 12:5)

L.Gruzinskiy politekhnicheskiy institut.
(Springs (Mechanism))

KHVINGIYA, M.V. (Tbilisi)

Effect of shears and rotation inertia on the frequency of bending
vibrations of elastic rods. Inzh.zhur. 3 no.4:727-732 '63.

(MIRA 16:12)

KHVINGIYA, M.V., kand. tekhn. nauk

lateral vibrations of cylindrical helical springs compressed by axial forces. Rasch.na prech. no.10:307-323 '64.

(MIRA 18:1)

KORNIYENKO, A.M.; SHTEL'MAKHOV, M.S.; GEYLER, Z.Sh.; BERESNEV, V.A.;
KOTLIK, S.B.; GORFINSKIY, Kh.M.; ZEL'DIN, Yu.R.; KURGIN, Yu.M.;
BELYAYEV, V.G.; ZAK, P.S.; ZAYTSEV, A.A.; LI, A.M.; SKVORTSOV, L.N.;
LUTTS, R.R.; KHVINGIYA, M.V.; NINOSHVILI, B.I.; SEMENCHENKO, D.I.;
SUKHANOV, V.B.

Soviet inventions in mechanical engineering. Vest.mashinestr.
45 no.11:87-88 N '65. (MIRA 18:12)

KHVISYUK, N.I.

Lumbosuprapneural approach to the vertebrae of the lumbar region of the spine. Ortop., travm. i protez. 26 no.4:43-46 Ap '65.

(MIRA 18:12)

1. Iz kafedry ortopedii i travmatologii (zav. - chlen-korrespondent ANU SSSR prof. N.P.Novachenko) Ukrainского instituta usovershenstvovaniya vrachey (rektor - dotsent I.I.Ovsiyenko). Adres avtora: Khar'kov, Pushkinskaya ul., dom 80, Institut ortopedii i travmatologii.

ABAKELIYA, M.S.; BUKHNIKASHVILI, A.V.; TABAGUA, G.G.; KHVITIYA, G.P.;
DZHASHI, G.G.

Use of electric prospecting at the Chiatur manganese deposit.
Trudy Inst. geofiz. AN Gruz. SSR 21:99-120 '63.
(MIRA 18:12)

КНЕВИЦКА, Г.П.

Distribution of the electric field of a point source of current located on the edge of a V-shaped valley. Scob. AN Gruz. SSR 40 no.1:63-68 O '65. (MIRA 18:12)

1. Institut geofiziki AN Gruzinskoy SSR, Submitted February 2, 1965.

KHVITIYA, G.P.

Use of the method of resistance in the approximate determination of the angle of slope of the interface of two media of a crest. Soob. AN Gruz. SSR 33 no.1:73-77 Ja '64.

(MIRA 17:7)

1. Institut geofiziki, AN Gruzinsky SSR, Tbilisi. Predstavleno chlenom-korrespondentem akademii M.M. Mirianashvili.

CHANTURISHVILI, L.S.; KHVITIA, G.P.

Field of a point source in a space represented by three sectors.
Soob. AN Gruz. SSR 30 no.5:559-564 My '63. (MIRA 16:11)

1. Institut geofiziki AN GruzSSR, Tbilisi. Predstavleno chlenom-
korrespondentom AN GruzSSR M.M. Mirianashvili.

S/169/62/000/006/032/093
D228/D304

AUTHORS: Bukhnikashvili, A. V., Dzhashi, G. G. and Khvitiya, G. P.

TITLE: Some peculiarities of the local natural electric field in the example of the Adzharskoye polymetal deposit in the Georgian SSR

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 6, 1962, 30, abstract 6A226 (Izv. AN SSSR, Ser. geofiz, no. 10, 1961, 1533-1537)

TEXT: Some characteristic peculiarities of the Adzharskoye polymetal deposit's natural electric field are considered. It is noted that as a result of surveys made in adits, the following characteristic features of this electric field are revealed: 1) The magnitude of the electric potential is directly proportional to the concentration of ore minerals; 2) the local electric field is characterized by regular diurnal variations, which appear to be due to the superimposition of telluric current fields; 3) an increase in

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Some peculiarities of ...

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the solution pH usually leads to a decrease in the value of the electric field's intensity; 4) the abundant precipitation lowers the electric field's intensity, since the content of the SO_4^{2-} anion decreases. It is noted that measurements were made at points in an adit and at the epicenters of these points on the surface in order to verify the absorption of the natural electric field with depth. The convergence of the resulting curves is observed. It is concluded from their comparison that the depth of sirveying by the natural electric field method does not appear to exceed 100 m. [Abstracter's note: Complete translation.] ✓

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KHVITIYA, R.A.

Additional pollination with pollen mixture in producing tea seed. Dokl.Akad.sel'khoz. 24 no.1:32-35 '59. (MIRA 12:2)

1. Chakvinskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta chaya i subtropicheskikh kul'tur. Predstavlena akademikom K.Ye.Bakhtadze.
(Tea) (Fertilization of plants)

KHVITIYA, R.A., aspirant

Additional pollination with pollen mixtures in the production of
tea seeds. Biul. VNIICHISK no.1:76-82 '57. (MIRA 15:5)

1. Gruzinskiy sel'skokhozyaystvennyy institut.
(Tea)
(Seed production)

KHVIYUZOV, Valentin Fedorovich; RAZUMOV, N.P., red.; MOSHAROVA, T.P.,
red. izd-vs; LAVRENOVA, H.B., tekhn. red.

[Underwater ship repairs] Podvodnyi sudoremont. Moskva, Izd-
vo "Morskoi transport," 1961. 81 p. (MIRA 14:5)
(Ships--Maintenance and repair)

YEFREMOCHKIN, N.V.; KHVOINSKAYA, R.S.

Draining operating gas producing sections Nos. 8 and 9 in
the Moscow Station "Podzemgaz." Nauch. trudy VNIIPodzemgaza
no.9:22-28 '63. (MIRA 16:11)

1. Laboratoriya gidrogeologicheskaya Vsesoyuznogo nauchno-
issledovatel'skogo instituta podzemnoy gazifikatsii ugley.

YERMOL'YEVA, Z.V.; KHVOLES, A.G.

Comparative evaluation of the determination of enterotyphoid
bacterial sensitivity to antibiotics of the tetracycline series
by means of serial dilutions and phase contrast microscopy.
Antibiotiki 5 no.2:73-76 Mr-Ap '60 (MIRA 14:5)

1. Kafedra mikrobiologii (zav. - chlen-korrespondent AMN SSSR.
prof. Z.V.Yermol'yeva) Tsentral'nogo instituta usovershenstvovaniya
vrachey. (SHIGELLA) (TETRACYCLINE) (SALMONELLA)

KHVCLES, A.G.

Use of cover glass of large size in microphotography. Lab. delo 6
no. 4159 J1-Ag '66. (MIRA 13:12)

1. Kafedra mikrobiologii (zav. - chlen-korrespondent AMN SSSR prof.
Z.V. Yermol'yeva (Tsentral'nogo instituta usovershenstvovaniya vrachev,
(dir. M.D. Kovrigina), Moskva.
(MICROPHOTOGRAPHY)

YERMOL'YEVA, Z.V.; KHVOLES, A.G.

Role of involutional forms of bacteria in evaluating their sensitivity to antibiotics. Mikrobiologiya 29 no. 4:544-547 Jl-Ag '60.
(MIRA 13:10)

1. Tsentral'nyy institut usovershenstvovaniya vrachey, Kafedra mikrobiologii.
(SHIGELLA PARADYSENERIAE) (SALMONELLA) (ANTIBIOTICS)

S/016/60/000/05/48/079

AUTHOR: Khvoles, A.G.

TITLE: The Effect of Ultrasound on Shigella Dysenteriae (Author's Summary).

PERIODICAL: Zhurnal mikrobiologii, epidemiologii i immunobiologii, 1960, Vol. 51
No. 5, pp. 113 - 114

TEXT: Experiments were performed to determine the effect of ultrasound on the internal structure of *Shigella dysenteriae*, which had been subjected to the action of antibiotics. Preliminary tests showed that after 24 - 48 hours polar granulae were secreted by the cell's protoplast. These granulae underwent partial lysis. In the main tests the exposure to ultrasound was selected to keep the loss of polar granules to a minimum. After incubation on a nutrient medium containing streptomycin sulfate, the bacteria were exposed for 5 minutes to sound from an UZU = 0.7 ultrasonic apparatus generating at 600 kc with an

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The Effect of Ultrasound on Shigella Dysenteriae (Author's Summary).

output of 2 w/ohm². The polar granules obtained during this treatment formed agglomerates in the micro-agglutination reaction.

ASSOCIATION: Tsentral'nyy institut usovershenstvovaniya vrachey (Central
Postgraduate Medical Institute).

SUBMITTED: February 27, 1960

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KHVOLES, A. G., Cand. Medic. Sci. (diss) "Features of Morphological Changes of Bacteria of Intestinal-typhus Groups Under Antibiotics," Moscow, 1961, 13 pp. (Acad. Med. Sci. USSR) 200 copies (KL Supp 12-61, 289).

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Structural changes in Flexner's dysenterial bacteria under the influence of streptomycin. Zhur. mikrobiol., epid. i imm. 32 no.9:130-133 S '61. (MIRA 15:2)

1. Iz Tsentral'nogo instituta usovershenstvovaniya vrachey.
(SHIGELLA PARADYSENTERIAE) (STREPTOMYCIN)

KHVOLES, A.G.

Effect of tetracycline on the morphology of *Pseudomonas pyocyanea*.
Lab. delo 10 no.5:307-309 '64. (MIRA 17:5)

1. Laboratoriya po uprobatsii novykh antibiotikov (nauchnyy rukovoditel' - deystvitel'nyy chlen AMN SSSR I.G.Rufanov) AMN SSSR, Moskva.

KHVOLES, A.R.

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дидишв. Административное тосе-
дство фрулашхана, фрулаш виле.
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Защ. 1936, 182.

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Республиканский музей.
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Dissertation for degree of
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KHVOLES, A.R.

Method of successive approximations for one integral equation
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